

ATLANTA 1" = 6 NM (On Chart L-18)

Barry

WOMAC

ERLIN

CARAN

MPO 115.4 RMG 101

ONE

1

3

53 \*4000  
33 \*3500  
11  
5000  
\*3700  
089 V333  
15 62  
112.3 GAD 70  
Paulding  
Northwest Atlanta  
(PNU)  
1289 0 55  
115.6 IGC 103

ATLANTA  
Cabb Ca-McCallum  
(RYY) [D]★  
1041 ① 63  
-○- (A) 128.125

ZAXEL

122.1R  
PEACHTREE  
116.6 PDK 113 三三  
MACON

Earl L Small Jr Fld/  
Stackmar Pvt  
(20GA)  
1110 - 45

ATLANTA  
Fulton Ca Arpt-Brown Field  
(FTY) [D]  
841 L 58  
(A) 120 175

4 1

IFR PILOTS PLANNING TO OVERFLY ATLANTA  
BELOW 15,000 MSL SHOULD FILE VIA BY-PASS  
AIRWAYS BETWEEN 1100-0200Z +

CLASS B AIRSPACE  
SEE ATLANTA VFR TERMINAL  
AREA CHARTS FOR DETAILS

1

10

NAUTICAL MILES

100

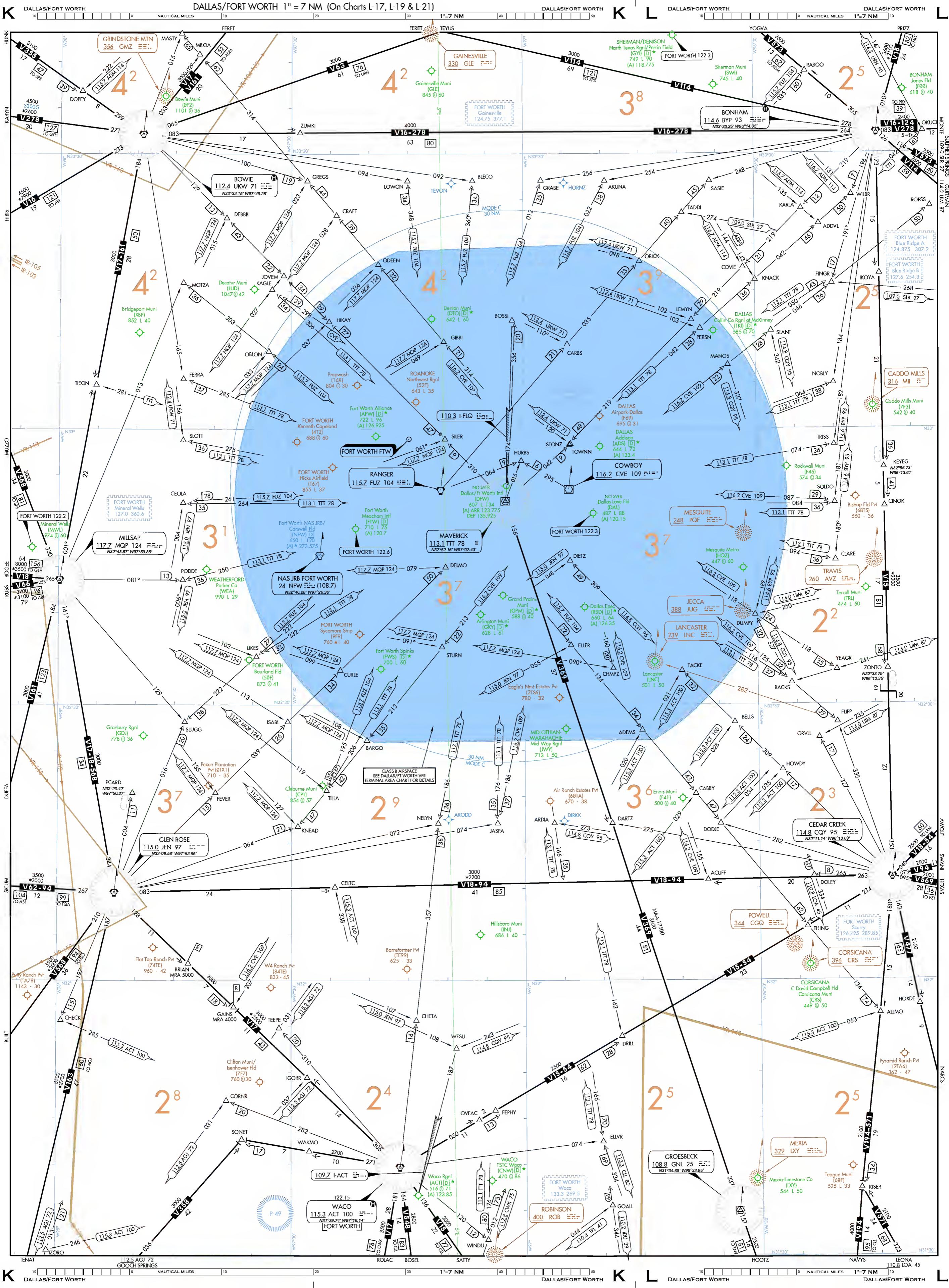
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116 N

10

1





DENVER 1" = 7 NM (On Chart L-10)

## DENVER

## DENVER

20

1000

30

=7 NM

40

|  |

111 112 113 114

50

TOMSN

RLG 85

NEY

10

10

1

1

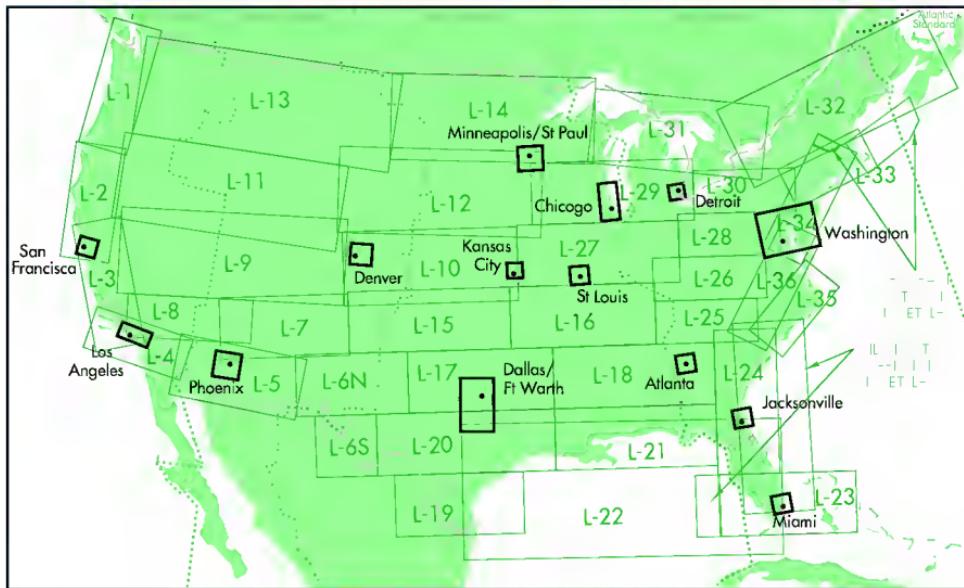
108

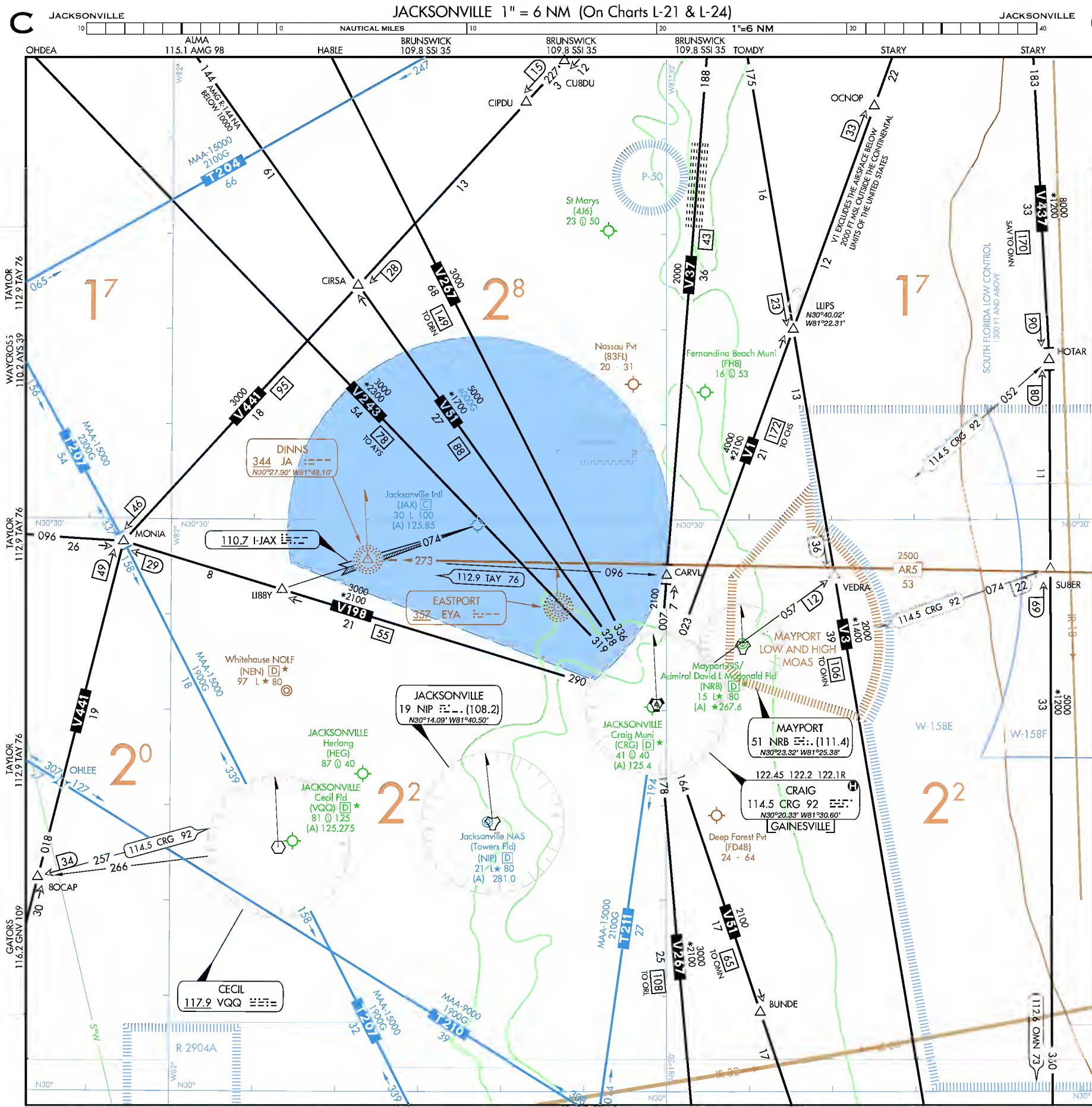
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Federal Aviation  
Administration









MIAMI 1" = 6 NM (On Chart L-23)

## MILITARY TRAINING ROUTES

NUMBER	ALTITUDE RANGE	AREA	NUMBER	ALTITUDE RANGE	AREA
IR-18	5000 TO 7000	Jacksonville	VR-163	500 AGL TO 3000	Dallas/Fort Worth
IR-32	5000 TO 7000	Jacksonville	VR-223	500 AGL TO 9000	Phoenix
IR-33	500 AGL TO 6000	Jacksonville	VR-231	100 AGL TO 7000	Phoenix
IR-103	100 AGL TO 5000	Dallas/Fort Worth	VR-239	300 AGL TO 9500	Phoenix
IR-105	100 AGL TO 7000	Dallas/Fort Worth	VR-241	300 AGL TO 9500	Phoenix
IR-139	100 AGL TO 6000	Dallas/Fort Worth	VR-242	300 AGL TO 9000	Phoenix
IR-207	200 AGL TO 15000	San Francisco	VR-243	300 AGL TO 9500	Phoenix
IR-415	300 AGL TO 8000	Denver	VR-244	300 AGL TO 9000	Phoenix
IR-614	500 AGL TO 8000	St Louis	VR-245	300 AGL TO 9000	Phoenix
IR-714	SURFACE TO 6000	Washington	VR-267	300 AGL TO 6000	Phoenix
IR-720	5000 TO 8000	Washington	VR-268	300 AGL TO 6000	Phoenix
IR-760	SURFACE TO 6000	Washington	VR-269	300 AGL TO 6000	Phoenix
VR-104	300 AGL TO 10000	Dallas/Fort Worth	VR-704	100 AGL TO 11000	Washington
VR-118	500 AGL TO 15500	Dallas/Fort Worth	VR-705	100 AGL TO 10000	Washington
VR-142	500 AGL TO 4000	Dallas/Fort Worth	VR-708	100 AGL TO 5500	Washington
VR-158	500 AGL TO 5000	Dallas/Fort Worth			



# MILITARY OPERATIONS AREAS

NUMBER	EFFECTIVE ALTITUDE	TIMES USED, UTC			CONTROLLING AGENCY A/G CALL	PANEL
		DAYS	HOURS	WEATHER		
CHICAGO						
MINNOW	10000 *2	Intermittent By NOTAM	Normally Days	VFR-IFR	ZAU CNTR/FSS	A
JACKSONVILLE						
MAYPORT HIGH	3000 *2	Intermittent	2300-0300Z†	VFR-IFR	ZJX CNTR/FSS	C
MAYPORT LOW	1500 To But Not Including 3000	Intermittent	1300-0300Z†	VFR-IFR	ZJX APP CON	C
PHOENIX						
GLADDEN 1	7000 or 5000 AGL Whichever is Higher *2	Mon-Fri *1	1300-0200Z	VFR-IFR	ZAB CNTR/FSS	F
OUTLAW	8000 or 3000 AGL Whichever is Higher *2	Mon-Fri Mon-Fri Intermittent Weekends	1400-0100Z 0100-0500Z By NOTAM	VFR-IFR	ZAB CNTR/FSS	F
SELLS 1	10000 *2	Mon-Fri *1	1300-0200Z	VFR-IFR	ZAB CNTR/FSS	F
SELLS LOW	3000 AGL To But Not Including 10000	Mon-Fri *1	1300-0200Z	VFR-IFR	ZAB CNTR/FSS	F
WASHINGTON						
DEMO 1	500 TO 5000	Intermittent	By NOTAM	VFR-IFR	FAA, POTOMAC TRACON	D
DEMO 2	10000 TO 15000	Intermittent	By NOTAM	VFR-IFR	FAA, POTOMAC TRACON	D
DEMO 3	Above 5000 To 15000	Intermittent	By NOTAM	VFR-IFR	FAA, POTOMAC TRACON	D
HILL	To 3000	Cont	Days	VFR-IFR	FAA POTOMAC APP	D

\*1 Other Times By NOTAM

\*2 To But Not Including FL 180

PHOENIX

60

<img alt="A detailed sectional map of the Phoenix, Arizona area, showing airports, terrain, and flight routes. The map includes labels for major cities like Phoenix, Chandler, and Glendale, as well as numerous smaller towns and airports. It features a color-coded terrain with brown for higher elevations and blue for lower elevations. Numerous flight routes are marked with black lines and labels like V16, V94, V105, V190, and V327-562-557. Specific airspaces are labeled with codes like 101, 102, 103, 104, 105, 106, 107, 108, 109, 110, 111, 112, 113, 114, 115, 116, 117, 118, 119, 120, 121, 122, 123, 124, 125, 126, 127, 128, 129, 130, 131, 132, 133, 134, 135, 136, 137, 138, 139, 140, 141, 142, 143, 144, 145, 146, 147, 148, 149, 150, 151, 152, 153, 154, 155, 156, 157, 158, 159, 160, 161, 162, 163, 164, 165, 166, 167, 168, 169, 170, 171, 172, 173, 174, 175, 176, 177, 178, 179, 180, 181, 182, 183, 184, 185, 186, 187, 188, 189, 190, 191, 192, 193, 194, 195, 196, 197, 198, 199, 200, 201, 202, 203, 204, 205, 206, 207, 208, 209, 210, 211, 212, 213, 214, 215, 216, 217, 218, 219, 220, 221, 222, 223, 224, 225, 226, 227, 228, 229, 230, 231, 232, 233, 234, 235, 236, 237, 238, 239, 240, 241, 242, 243, 244, 245, 246, 247, 248, 249, 250, 251, 252, 253, 254, 255, 256, 257, 258, 259, 260, 261, 262, 263, 264, 265, 266, 267, 268, 269, 270, 271, 272, 273, 274, 275, 276, 277, 278, 279, 280, 281, 282, 283, 284, 285, 286, 287, 288, 289, 290, 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ST LOUIS

ST LOUIS

1

A - Alert, P - Prohibited, R - Restricted, W - Warning Areas

All altitudes are MSL unless otherwise indicated

FL - Flight Level

Time - Hours shown are UTC unless otherwise indicated

Days - Sunrise to Sunset except Canada where it means

1/2 hr before sunrise to 1/2 hr after sunset

Nights - Sunset to Sunrise except Canada where it means

1/2 hr after sunset to 1/2 hr before sunrise

Cant - Continuas: 24 hrs a day, 7 days a week

† - During periods of Daylight Saving Time (DT)

effective hours will be one hour earlier than shown.

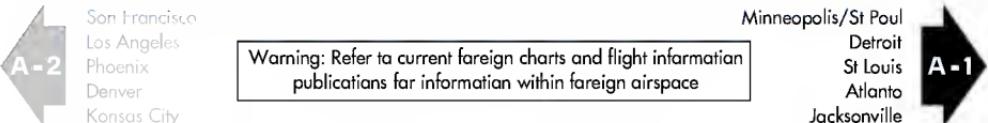
NOTAM - Use of this term in Restricted Areas indicates FAA and DaD NOTAM systems. Use of this term in all other Special Use areas indicates the DaD NOTAM system.

## SPECIAL USE AIRSPACE

NUMBER	EFFECTIVE ALTITUDE	TIMES USED, UTC			CONTROLLING AGENCY A/G CALL	PANEL
		DAYS	HOURS	WEATHER		
<b>CHICAGO</b>						
R-6903	To FL 450	Intermittent	By NOTAM	VFR-IFR	ZMP CNTR/FSS	A
<b>DALLAS/FORT WORTH</b>						
P-49	To 2000	Cont†	Cont	VFR-IFR	No A/G	H
<b>JACKSONVILLE</b>						
P-50	To But Not Including 3000	Cont	Cont	VFR-IFR	No A/G	D
R-2904A	To But Not Including 1800	Apr-Aug Cont *1 Sep-Mar Sat-Sun *1	1300-2200Z† 1300-2200Z†	VFR-IFR	JACKSONVILLE TRACON	D
W-158E	To 1200	Intermittent	By NOTAM	VFR-IFR	JACKSONVILLE TRACON	D
W-158F	1200 To 1700	Intermittent	By NOTAM	VFR-IFR	JACKSONVILLE TRACON	D
<b>LOS ANGELES</b>						
R-2519	Unltd	Cont	Cont	VFR-IFR	ZLA CNTR/FSS	G
W-289	Unltd	Intermittent	By NOTAM	VFR-IFR	ZLA CNTR/FSS	G
<b>MIAMI</b>						
A-291B	To 2500	Days	1100-0500Z†	VFR	No A/G	D
A-291B	To 3900	Days	1100-0500Z†	VFR	No A/G	D
A-291C	To 2500	Days	1100-0500Z†	VFR	No A/G	D
A-291D	To 3900	Days	1100-0500Z†	VFR	No A/G	D
<b>PHOENIX</b>						
R-2301E	To FL 300	Cont *1	1330-0700Z	VFR-IFR	ZAB CNTR/FSS	F
R-2304	To FL 240	Mon-Sat *1	1330-0700Z	VFR-IFR	ZAB CNTR/FSS	F
R-2305	To FL 240	Mon-Sat *1	1330-0700Z	VFR-IFR	ZAB CNTR/FSS	F
R-2310A	To 40000	Intermittent	By NOTAM	VFR	ZAB CNTR/FSS	F
R-2310B	10000 To 17000	Intermittent	By NOTAM	VFR	ZAB CNTR/FSS	F
R-2310C	17000 To 35000	Intermittent	By NOTAM	VFR	ZAB CNTR/FSS	F
A-231	500 AGL To 6500	Cont†	Cont	VFR-IFR	No A/G	F
<b>SAN FRANCISCO</b>						
A-682	To 6000 N of Line To 3000 S of Line	Mon-Fri	1600-0500Z†	VFR-IFR	No A/G	E
<b>WASHINGTON</b>						
P-40	To But Not Including 5000	Cont	Cont	VFR-IFR	No A/G	Σ
P-56	To 48000	Cont	Cont	VFR-IFR	No A/G	D
P-40	To But Not Including 1500	Cont	Cont	VFR-IFR	No A/G	Σ
R-4001A	Unlimited To 10000 Higher By NOTAM	Cont Cont By NOTAM	1200-0500Z† 0500-1200Z† By NOTAM	VFR-IFR	ZDC CNTR/FSS	E
R-4001B	To 10000 Higher By NOTAM	Intermittent By NOTAM	Intermittent By NOTAM	VFR-IFR	ZDC CNTR/FSS	E
R-4002	To 20000	Cont *1	Sunrise to 0500Z†	VFR-IFR	ZDC CNTR/FSS	E
R-4001B	To But Not Including FL 250	Cont *1	1200-0400Z†	VFR-IFR	ZDC CNTR/FSS	E
R-4006	3500 To But Not Including FL 250	Cont *1	1200-0400Z†	VFR-IFR	ZDC CNTR/FSS	E
R-4007	To But Not Including 5000	Cont *1	1200-0400Z†	VFR-IFR	ZDC CNTR/FSS	E
R-4002	5000 To 12500	Cont	Cont	VFR-IFR	ZDC CNTR/FSS	D
R-5801	To 4000	Mon-Fri	1300-2100Z†	VFR-IFR	No A/G	▷
R-5802A	200 AGL To 5000	2/15-5/10 9/1-12/15 Sat Sun 5/11-8/31 Sat Sun-Fri *1	1300-0400Z† 1300-1700Z† 1300-0500Z† 1300-0100Z†	VFR	ZNY CNTR/FSS	E
R-5802B	To 13000	2/15-5/10 9/1-12/15 Sat Sun 5/11-8/31 Sat Sun-Fri *1	1300-0400Z† 1300-1700Z† 1300-0500Z† 1300-0100Z†	VFR	ZNY CNTR/FSS	E
R-5802C	500 AGL To But Not Including 17000	2/15-5/10 9/1-12/15 Sat Sun 5/11-8/31 Sat Sun-Fri *1	1300-0400Z† 1300-1700Z† 1300-0500Z† 1300-0100Z†	VFR-IFR	ZNY CNTR/FSS	E
R-5802D	17000 To But Not Including FL 220	2/15-5/10 9/1-12/15 Sat Sun 5/11-8/31 Sat Sun-Fri *1	1300-0400Z† 1300-1700Z† 1300-0500Z† 1300-0100Z†	VFR-IFR	ZNY CNTR/FSS	E
R-5803	To 4000	Mon-Fri	1300-2100Z†	VFR-IFR	No A/G	▷
R-6608A-C	To 10000	Cont *1	1000-0500Z†	VFR-IFR	FAA, POTOMAC TRACON	Σ
R-6611A	To 40000	Mon-Fri *1	1300-2200Z†	VFR-IFR	ZDC CNTR/FSS	D,E
R-6612	To 4000	Mon-Fri *1	1300-2200Z†	VFR-IFR	ZDC CNTR/FSS	D
R-6613A	To 40000	Mon-Fri *1	1300-2200Z†	VFR-IFR	ZDC CNTR/FSS	E
A-220	To 4000	Cont	1300-0300Z†	VFR	No A/G	E
W-386	Unltd	Intermittent	By NOTAM	VFR-IFR	ZDC CNTR/FSS	F

\*1 Other Times By NOTAM

\*2 To But Not Including FL 180



# UNITED STATES GOVERNMENT FLIGHT INFORMATION PUBLICATION IFR AREA CHARTS - U.S.

For use up to but not including 18,000' MSL

**EFFECTIVE 0901Z 23 SEP 2010  
TO 0901Z 18 NOV 2010**

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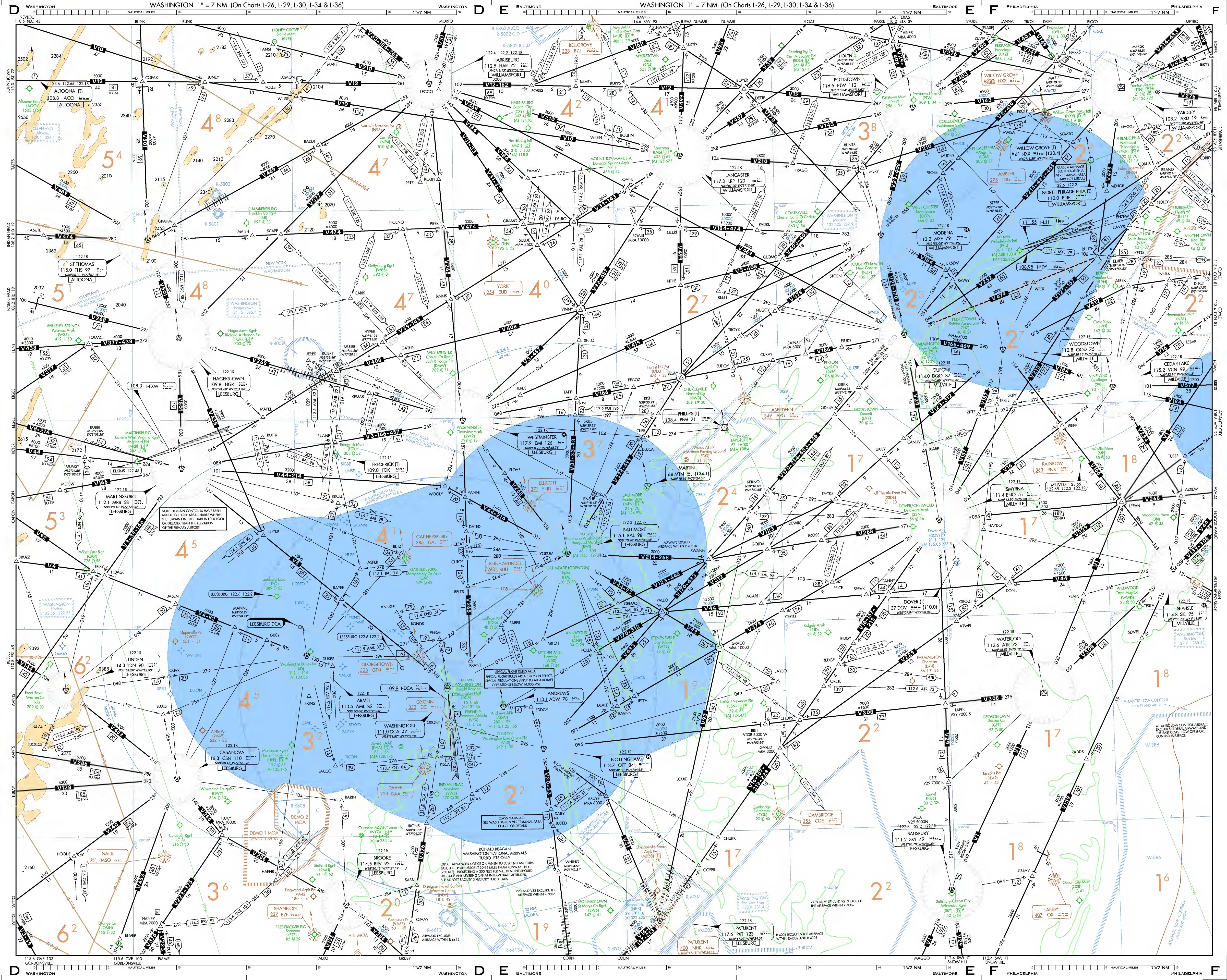
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See the FAQs prior to contact via toll free number or email.

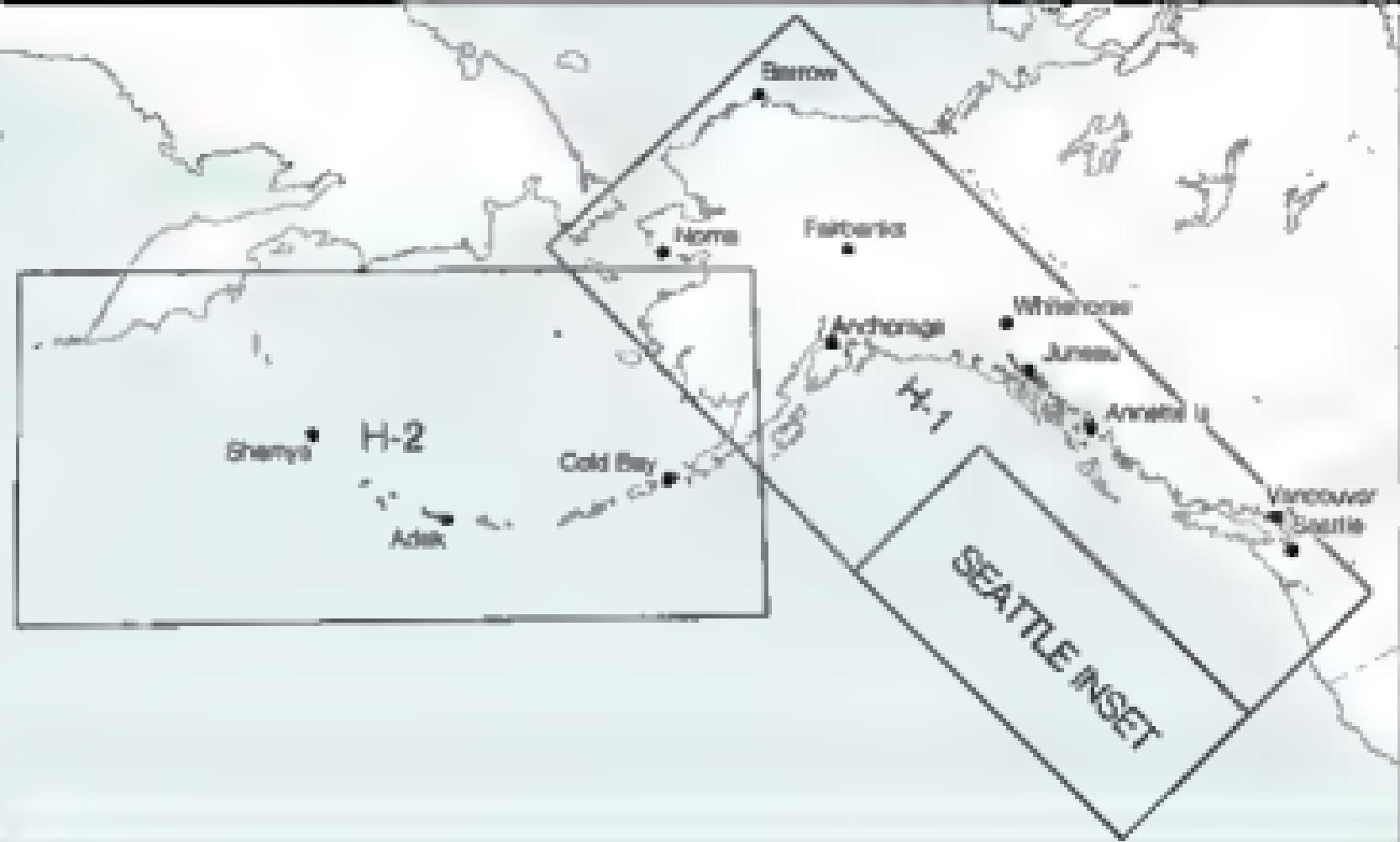
## ATTENTION

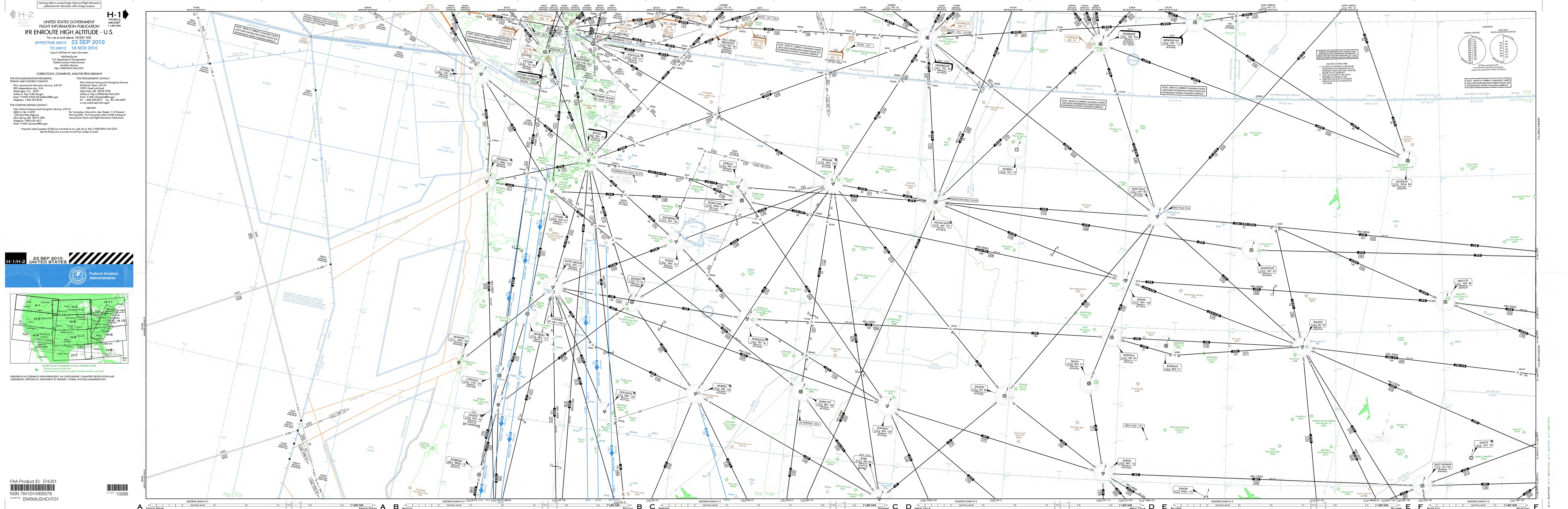
THIS CHART CONTAINS OFF ROUTE OBSTRUCTION CLEARANCE ALTITUDES (OROCA).  
The off route obstruction clearance altitudes shown in quadrangles bounded by ticked lines of latitude and longitude are represented in THOUSANDS and HUNDREDS of feet above mean sea level. The OROCA is based on information available concerning the highest known features in each quadrangle, including terrain and obstructions. OROCA provides obstruction clearance with a 1000 foot buffer in designated non-mountainous areas and a 2000 foot buffer in designated mountainous areas within the United States. For areas in Mexico and the Caribbean which are located outside of the U.S. ADIZ, OROCA provides obstruction clearance with a 3000 foot buffer. This altitude is provided for obstruction clearance only. It does not provide for NAVAID signal coverage or communication coverage, and would not be consistent with altitudes assigned by Air Traffic Control.

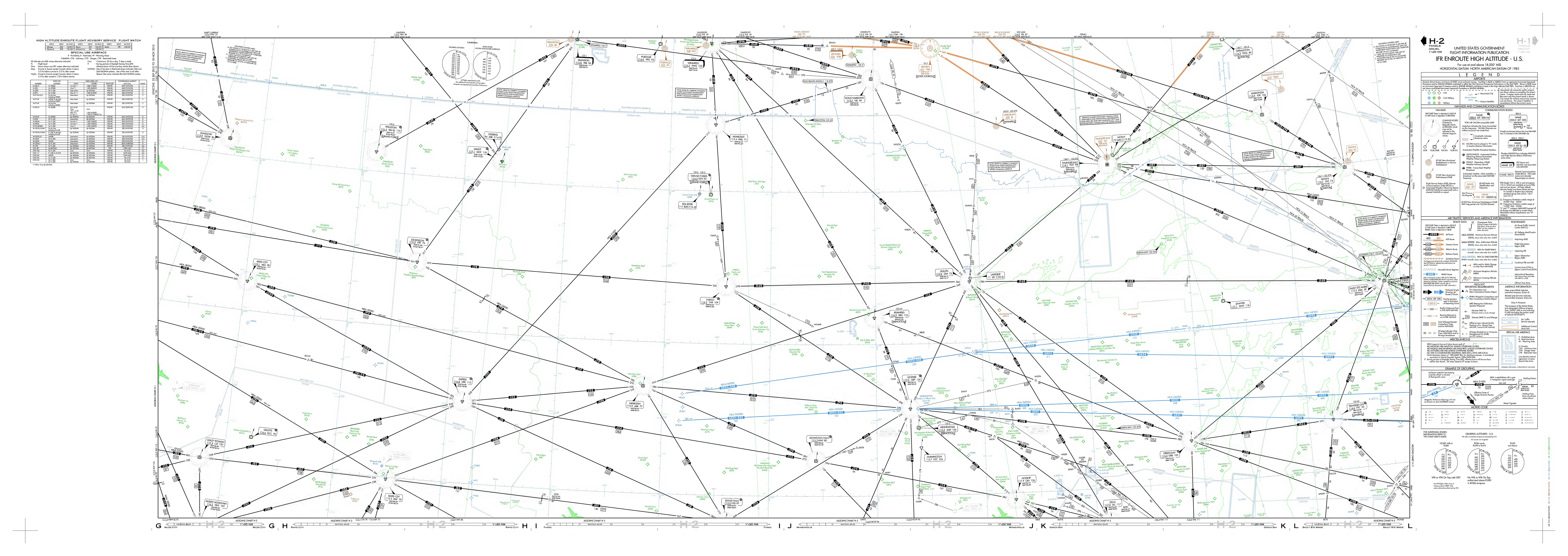
Example: 12,500 feet .....

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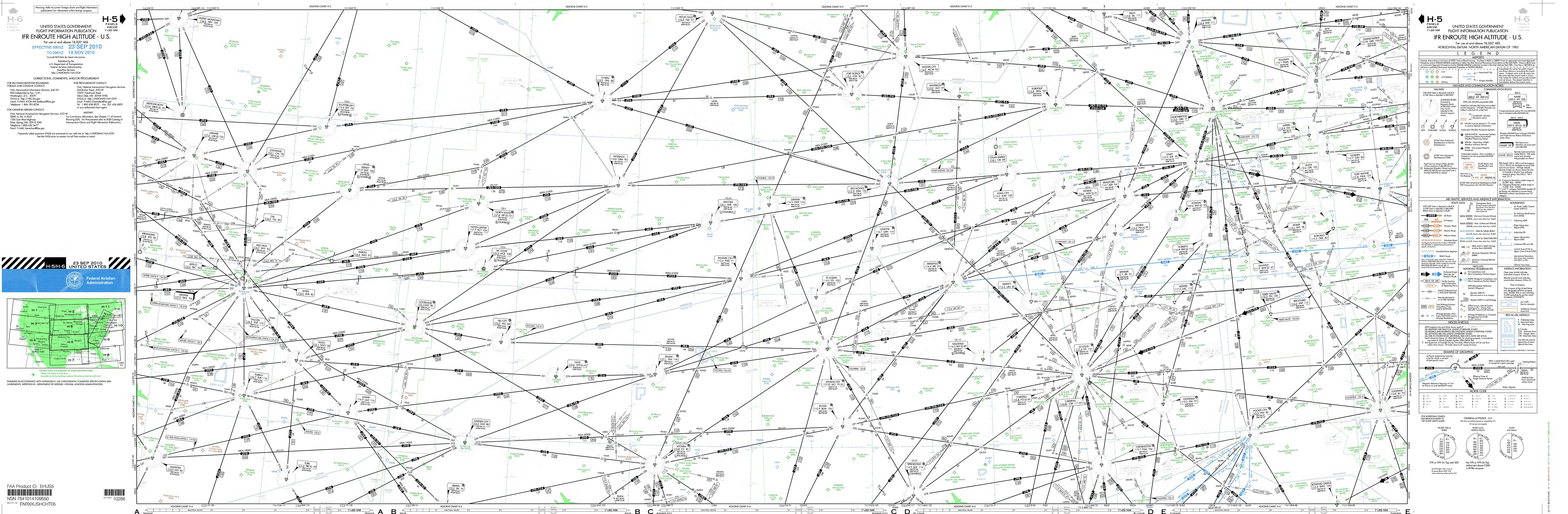




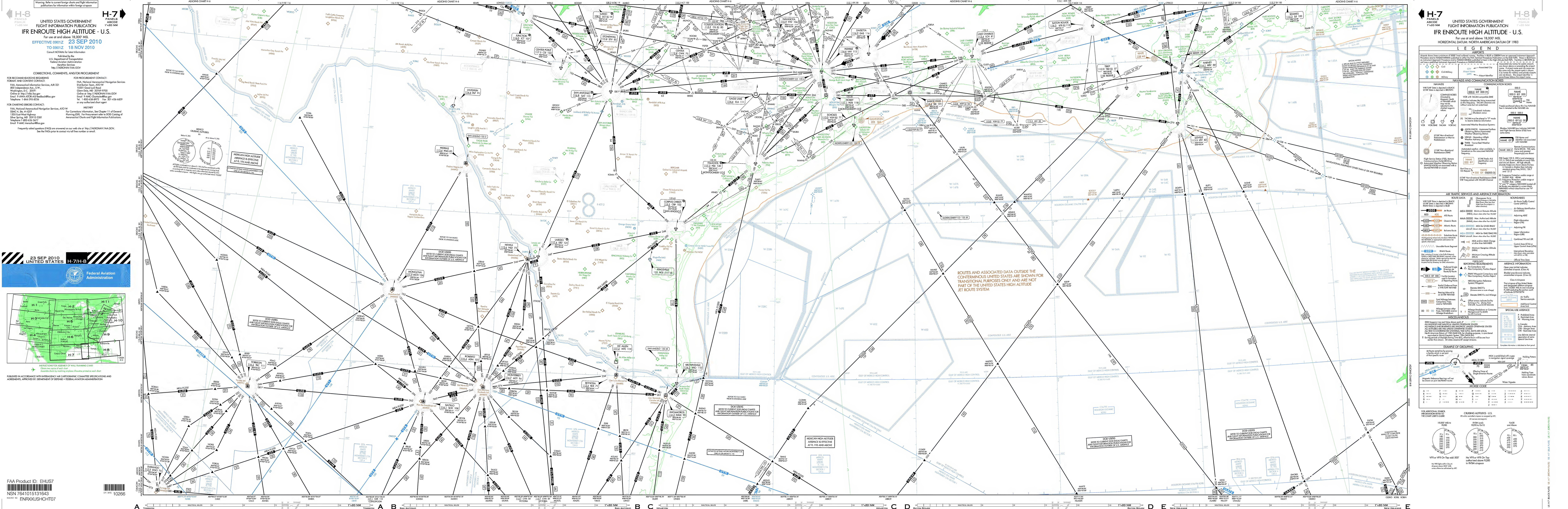






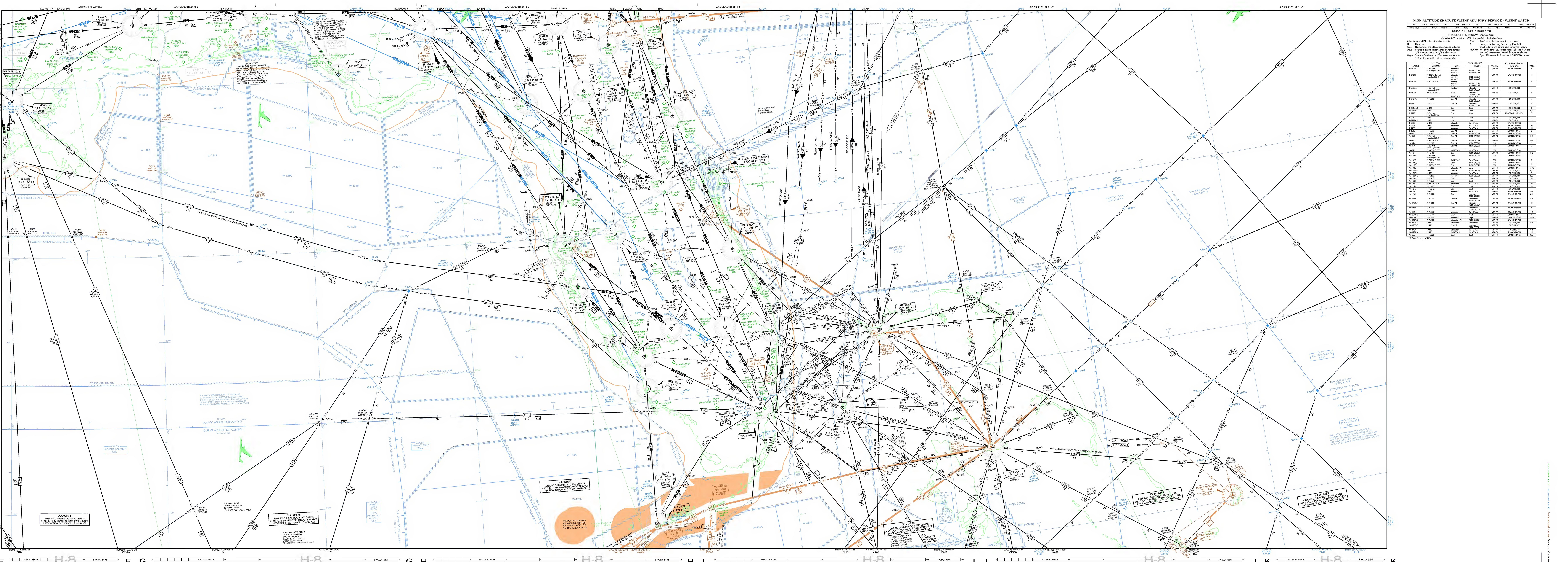






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Warning: Refer to current foreign charts and flight information publications for information within foreign airspace

H-10

PANELS

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1-20 NM

UNITED STATES GOVERNMENT  
FLIGHT INFORMATION PUBLICATION

IFR ENROUTE HIGH ALTITUDE - U.S.

For use on or about 0901 23 SEP 2010

EFFECTIVE 0901 23 SEP 2010

TO 0901 18 NOV 2010

Conc H-9

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ADONS CHART H-10

113.3 PIV 80

114.8 RY 95

115.5 RY 95

116.5 RY 95

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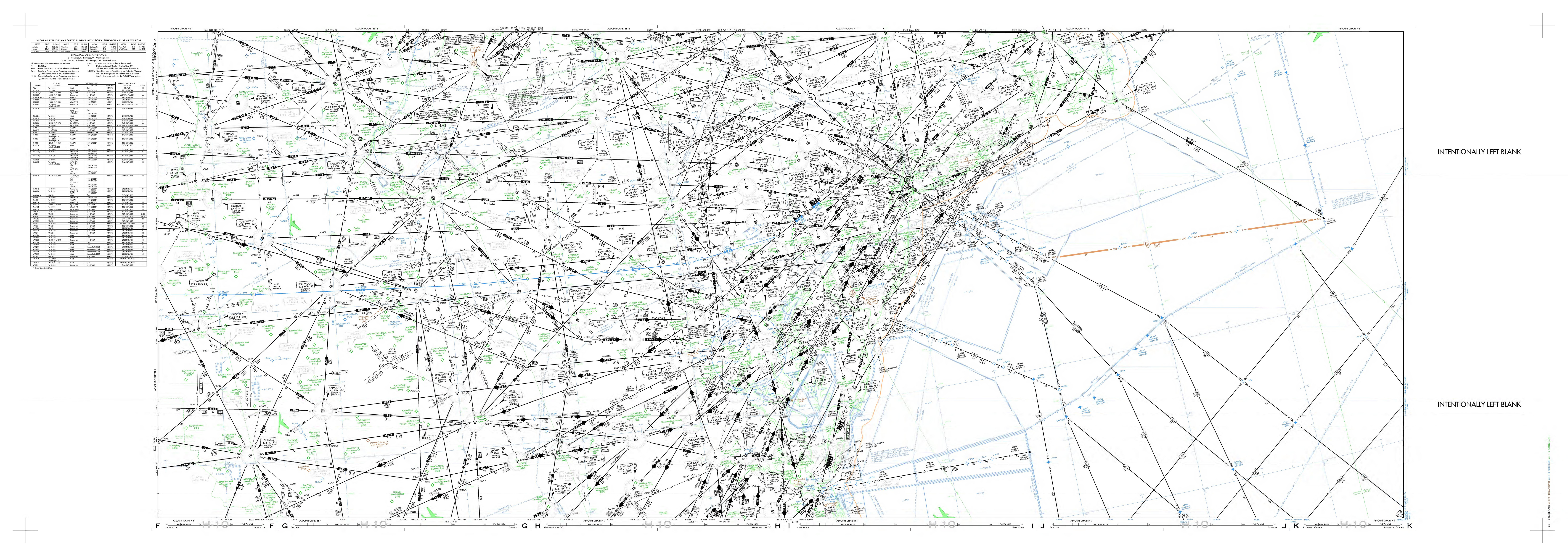
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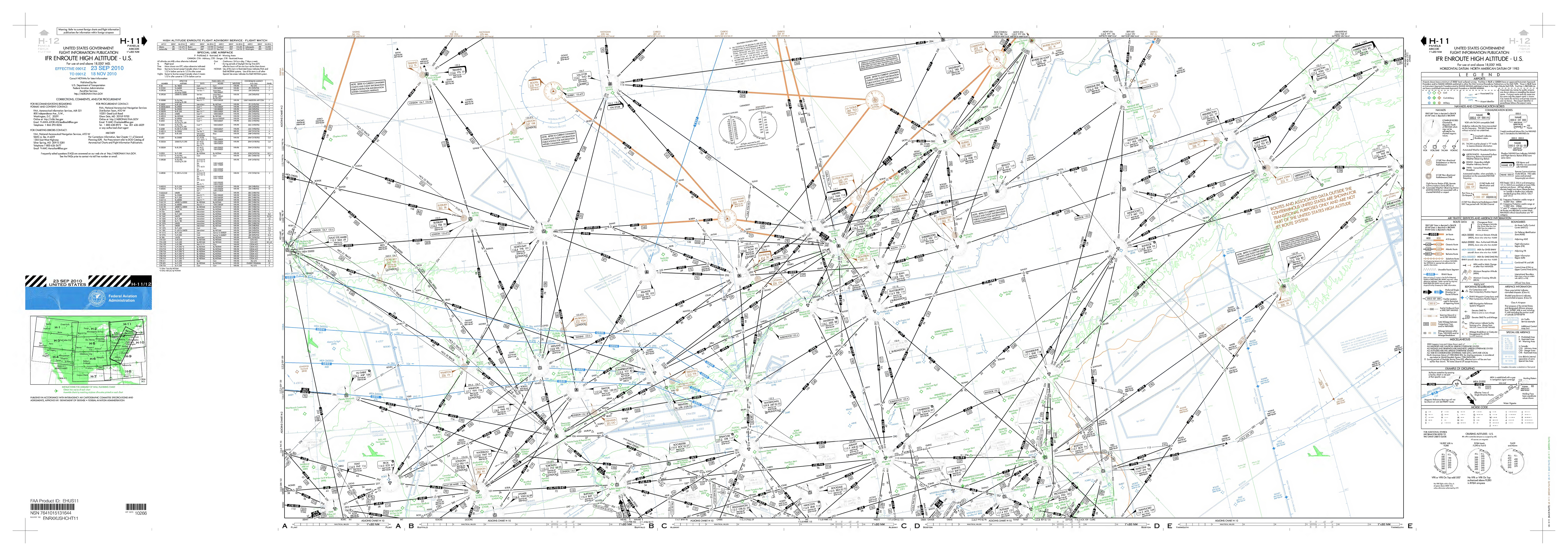
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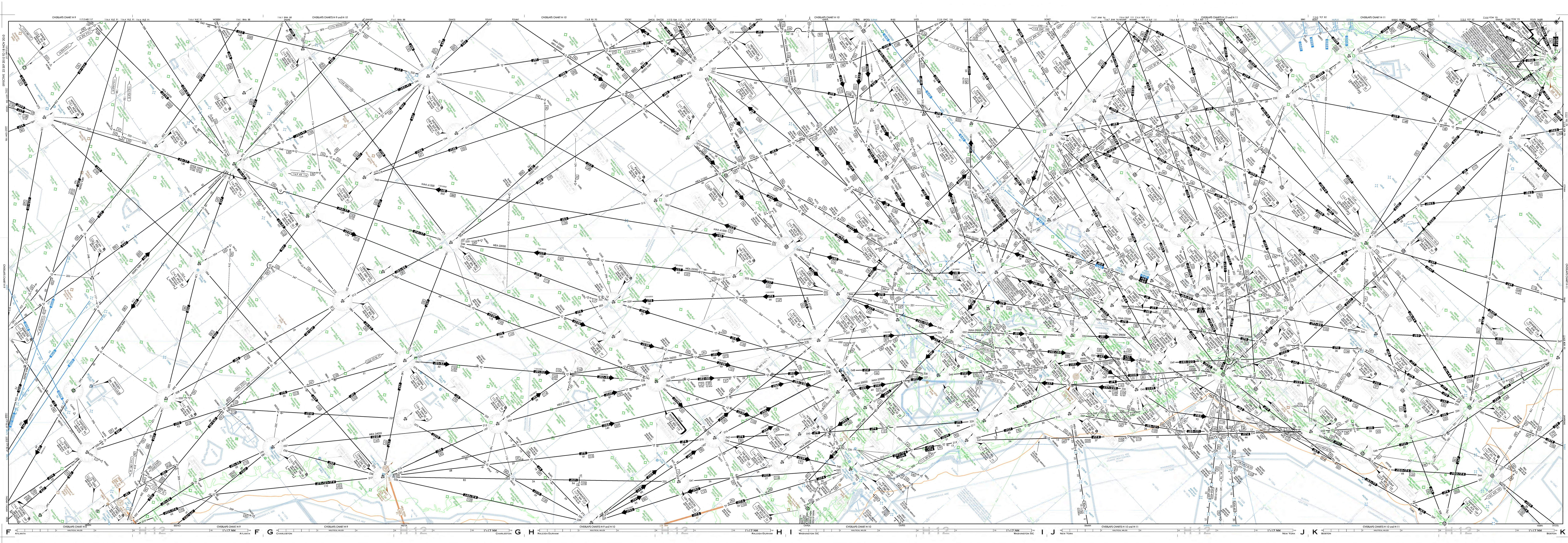
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112.5 RY 95

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This map displays a complex network of flight routes and maritime boundaries in the North Pacific Ocean and Alaska. Key features include:

- Flight Routes:** Numerous flight routes are shown as lines of various colors and thicknesses, indicating different flight paths and altitudes.
- Airports:** Numerous airports and airfields are marked with symbols and labels, including Adak Island, St. Paul Island, Bethel, and various locations in Alaska and the Aleutian Islands.
- Maritime Boundaries:** The map shows the International Date Line, the Bering Sea, and various national and international maritime boundaries.
- Geography:** Major islands like Adak, St. Paul, and the Aleutian Islands are depicted, along with coastlines and major cities.
- Legend:** A comprehensive legend on the right side of the map provides detailed information on route types, symbols, and other map elements.